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(54) CONTROL METHOD OF SUSCEPTIBLE  
INRUSH CURRENTS PASSING THROUGH A  
LOAD SWITCH, AND CORRESPONDING  
ELECTRONIC CIRCUIT

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(57) ABSTRACT

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An electronic circuit includes a switch coupled between an input terminal intended to receive a first voltage and an output terminal coupled to a decoupling capacitor and intended to also be coupled to a load. A comparison stage is configured to compare the first voltage and a second voltage that is present at the output terminal. A first adjustment stage is configured to limit a positive inrush current flowing between the input terminal and the output terminal and a second adjustment stage is configured to limit a negative inrush current flowing between the output terminal and the input terminal. A control circuit is configured to activate either the first adjustment stage or the second adjustment stage as a function of a result of the comparison.

